



*ACES-NM, a Chapter of CPE-USA  
Albuquerque, New Mexico*



## **ACES-NM 2013 Seminar**

*Lunch catered by Chopstix*

**10am-12:30pm, Saturday, May 4, 2013**  
**Auditorium, UNM Domenici Center for HSC**  
*(see attachment for drive direction and map)*

### **1. Mr. Rolf Schmidt-Petersen**

Rio Grande Bureau Chief, the State of New Mexico  
Interstate Stream Commission

**New Mexico Water and Water Resource Management on the  
Rio Grande-Managing within Boundaries While Facing  
Challenges in the Twenty-First Century**

**新墨西哥州的水与Rio Grande水资源的管理  
— 应对二十一世纪的挑战**

### **2. Dr. Chaouki T. Abdallah**

UNM Provost & Executive Vice President for Academic Affairs

**The MOOCs are coming**  
**迎接大规模开放在线教育的来临**

**Please RSVP by e-mail to [komodo\\_aps@comcast.net](mailto:komodo_aps@comcast.net) by  
Thursday, April 25, 2013 for head count for lunch**





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## **Mr. Rolf Schmidt-Petersen**

**Rio Grand Basin Bureau Chief, the State of New Mexico  
Interstate Stream Commission**

### **New Mexico Water and Water Resource Management on the Rio Grande-Managing within Boundaries While Facing Challenges in the Twenty-First Century**

Water in New Mexico is defined hydrologically and legally. However, water is integral to our cultural identity, our local and state economy and our daily lives. The ongoing drought has placed tremendous pressure on our citizens and the water supply upon which we depend. Water Management--the never ending effort to balance water demands with available water supply--is integral to our success as we begin our next hundred years. Therefore, our work as engineers and scientists is both challenging and rewarding as we work to balance existing demands with evolving ones. This presentation will provide an overview of water in the Rio Grande Basin in New Mexico from physical, legal, administrative, and cultural perspectives. Major existing water user groups and water uses on the Rio Grande from Alamosa, Colorado to El Paso, Texas will be described. The Rio Grande Compact, an interstate agreement that divides the waters of the Rio Grande among the States of Colorado, New Mexico, and Texas, and sets boundaries on the consumption of Rio Grande water will be summarized including how New Mexico works to continue to comply with Compact obligations. Water projects that serve as the foundation for water use in the Rio Grande and that are important to planning, managing, and delivering Rio Grande waters will be described. Using the boundaries established by water law, interstate compacts, and existing water projects, Mr. Schmidt-Petersen will outline several evolving water issues facing the State of New Mexico on the Rio Grande and how the State is working with local communities and others to address them.

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**Mr. Schmidt-Petersen** is a hydrologist with over twenty years of experience addressing water resources issues in New Mexico. He graduated from the New Mexico Institute of Mining and Technology with a Master Degree in Hydrology, worked in private industry for about a decade doing environmental hydrogeology consulting, and has worked for the State of New Mexico Interstate Stream Commission since 1999. Mr. Schmidt-Petersen and his staff are charged with conducting numerous projects to plan, conserve, develop, and investigate the waters of the Rio Grande for New Mexico.





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## Dr. Chaouki T. Abdallah

UNM Provost & Executive Vice President for Academic Affairs

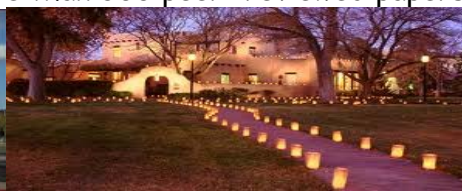
### The MOOCs are coming

Every so often and despite their best intentions and their positive reach, Universities come under scrutiny and even attack by society at large. This is neither surprising nor unique: when times are tough, we look for simple answers to complicated questions. Today, we face the problem of college costs and economic downturns even as the modern university has assumed more roles and responsibilities including but not limited to, student life, entertainment, economic development, and health services. What then is to become of universities? In this talk I will argue that in order to keep everything the same, universities must change. Our main roles of information generators and purveyors will be maintained if we realize that we are not in the classroom leasing business but rather in the education business. Massively Online Open Courses, flipped classrooms, and non-traditional textbooks are already impacting our basic business models, and in my talk, I will describe how such models may be adapted to deliver a better education in a more efficient way.

**Chaouki T. Abdallah** started his college education at the Ecole Supérieure d'Ingénieurs de Beyrouth - Université Saint-Joseph in Beirut, Lebanon, but finished his undergraduate studies at Youngstown State University, with a Bachelors of Engineering degree in Electrical Engineering in 1981. He then obtained his MS and Ph.D. in Electrical Engineering from GA Tech in 1982, and 1988 respectively. He joined the Electrical and Computer Engineering department at the University of New Mexico where he is currently professor and was a chair between 2005 and 2011. Since June 2011, he has been the Provost & EVP for Academic Affairs.



Professor Abdallah conducts research and teaches courses in the general area of systems theory with focus on control and communications systems. His research has been funded by national funding agencies, national laboratories, and by various companies. He has also been active in designing and implementing various international graduate programs with Latin American and European countries. He was a co-founder in 1990 of the ISTECON consortium, which currently includes more than 150 universities in the US, Spain, and Latin America. He has published 7 books, and more than 300 peer-reviewed papers.






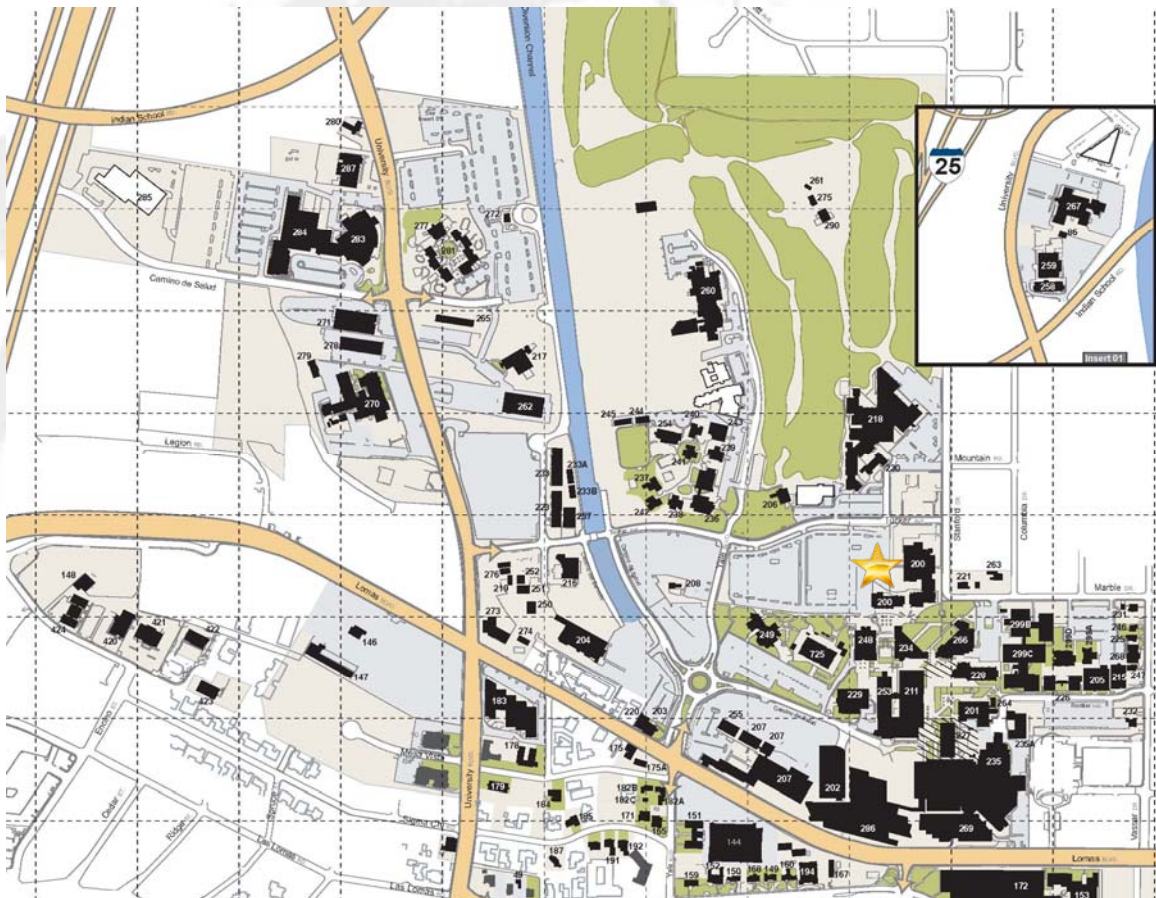
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**Driving Directions:**

1. Take I-25 south to MLK exit. (after the intersection of I-25 and I-40)
2. Turn left on MLK Blvd.
3. Turn left on University Blvd.
4. Turn right on Tucker Rd. (north of Lomas)
5. After passing Yale Blvd, park your car in the M-Lot on the right side of Tucker and walk towards east to the Domenici Center on the corner of Stanford Dr. and Marble Ave.

Note: The Domenici Center consists of two jointed buildings (Building# 200). The Auditorium is on the east side of the jointed building. See 



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